DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. PLATE 5 OF 23 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 105° 22′ 30″ 45° 15′ 105° 30′ 45° 15′ 27'30" R. 51 E. R. 52 E. OPEN-FILE REPORT 5 4 This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. 12 11 10 EXPLANATION BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick. MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas 15 17 16 14 13 18 suitable for surface mining within the stripping limit. 17 To convert feet to meters, multiply feet by 0.3048. To convert yds³/ton to m³/metric ton, multiply yds³/ton by 22 23 20 24 21 19 20 12'30" 27 28 26 25 30 29 33 34 36 31 T. 7 S T. 8 S. NOTE: Where no mining-ratio contour is shown in the outliers of Reserve Base coal, the mining-ratio value is less than 10. 10 11 12 17 16 15 14 13 21 22 23 19 (WILD BILL CREEK) 4974 /// SW SCALE 1:24 000 R. 51 E. R. 52 E. Base map from U.S. Geological Survey, 1970 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0 1 KILOMETER MONTANA UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

BEAR SKULL MOUNTAIN QUADRANGLE

OPEN FILE REPORT 79-783

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE BEAR SKULL MOUNTAIN QUADRANGLE, POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979